

**CALIFORNIA ENERGY COMMISSION**  
**REPORT OF CONVERSATION**

California Energy Commission

**DOCKETED**  
**11-AFC-3**

TN # 69609

FILE: FEB 20 2013



*Siting,  
Transmission and  
Environmental  
Protection Division*

**PROJECT TITLE:**  
**Quail Brush Generation Project**

**Docket: 11-AFC-3**

**TECHNICAL AREA(S):** Air Quality

☒ Telephone

☐ Meeting Location:

**NAME:** Joseph Hughes

**DATE:** 02/19/13

**TIME:** 11:30 a.m.

**WITH:** Cogentrix

**SUBJECT:** Air Quality topics for workshop

**COMMENTS:**

On Tuesday, February 19, 2013 Energy Commission Staff (Eric Solorio, Stephen Adams, Gerry Bemis, Wenjun Qian, and Joseph Hughes) had a conference call with individuals representing the Quail Brush Generation Project (John Collins, Rick Neff, Rick Booth, and Greg Darvin). The purpose of the call was to identify issues related to staff's Air Quality analysis that staff would like to discuss at the next staff workshop.

The meeting commenced with Staff Counsel Adams explaining that the telephone call would be limited to exchanging information related to air quality issues, and that under Energy Commission regulations, any negotiations or debate regarding staff's preliminary position or modeling inputs would have to wait until the publicly noticed workshop.

The issues that were discussed included the applicant's federal 1-hour NO<sub>2</sub> modeling, cumulative air quality modeling, and the applicant's proposed mitigation plan. Staff asked the applicant to revise its federal 1-hour NO<sub>2</sub> modeling using a representative in-stack NO<sub>2</sub>/NO<sub>x</sub> ratio. In response to applicant's memo dated 2-8-13, staff explained that it was not in a position to recommend any particular ratio, but that ultimately a condition of certification would be implemented to ensure the actual engine performance meets the expected performance used to estimate project impacts. Staff said it had used a ratio of 16 percent in some of its own model runs, but explained that this number was a somewhat arbitrary average from the manufacturer's various engines, and said staff had not decided what the ratio should be for the engines on this project. Staff said its preliminary modeling efforts found the most problematic air quality impacts to be those associated with elevated terrain west of the proposed project.

The applicant's representatives said they would continue a review of variables that relate to air quality, such as length of engine start-up time and dispatch requirements for the facility, as part of their effort to improve air quality modeling and analysis.


Staff said it has recently become aware that the landfill expansion project has filed a draft application with the SDAPCD. Staff discussed the need to evaluate cumulative impacts as more information relating to the landfill expansion becomes available.

Lastly, staff requested additional information regarding the applicant's air quality mitigation plan. Staff asked the applicant to identify the proposed strategies, including dollar amounts and cost

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effectiveness, etc. The applicant's representatives said they expected to consolidate the necessary information and submit a revised mitigation plan prior to the next workshop.

cc:	Date: 2/20/2013	Signed: 
		Name: Joseph Hughes